



Anatomy of CryoPod™ Filling Station

The CryoPod™ Filling Station is designed to reliably and safely dispense liquid Nitrogen (LN2) into a Brooks CryoPod. This dispensing method replaces the manual filling technique where LN2 is poured into the CryoPod using a funnel. The CryoPod Carrier and Filling Station can be used in combination with the BioStore™ III Cryo and BioStore™ IIIv to support safe, documented cryogenic handling and intra-campus transportation.

LN2 Dispensing System:

- Manages the flow of LN2 from the LN2 supply into the CryoPod
- Connect via a central LN2 supply facility, or to a stand-alone dewar
- CryoPod lift system brings the CryoPod into the proper position for LN2 dispensing
- Time charging CryoPod carrier is reduced in comparison with manual charging

Touch Screen User Interface:

- Clearly see the system status
- Run, pause and stop the filling process by simply pressing the button



Filling Process:

- The CryoPod is loaded onto the Filling Station tray, the lid removed and placed on the inside of the door
- The CryoPod is inserted fully into the Filling Station, the door closed and the fill process initiated
- The CryoPod is lifted to the LN2 dispenser and LN2 is dispensed
- Once complete the CryoPod is lowered from the LN2 dispenser, the Filling Station door can be opened and the CryoPod retrieved

FURTHER INFORMATION

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